



**Minnesota Pollution
Control Agency**

520 Lafayette Road North
St. Paul, MN 55155-4194

MS4 SWPPP Application for Reauthorization

**for the NPDES/SDS General Small Municipal Separate
Storm Sewer System (MS4) Permit MNR040000
reissued with an effective date of August 1, 2013**
Stormwater Pollution Prevention Program (SWPPP) Document

Doc Type: Permit Application

Instructions: This application is for authorization to discharge stormwater associated with Municipal Separate Storm Sewer Systems (MS4s) under the National Pollutant Discharge Elimination System/State Disposal System (NPDES/SDS) Permit Program. **No fee** is required with the submittal of this application. Please refer to "Example" for detailed instructions found on the Minnesota Pollution Control Agency (MPCA) MS4 website at <http://www.pca.state.mn.us/ms4>.

Submittal: This MS4 SWPPP Application for Reauthorization form must be submitted electronically via e-mail to the MPCA at ms4permitprogram.pca@state.mn.us from the person that is duly authorized to certify this form. All questions with an asterisk (*) are required fields. All applications will be returned if required fields are not completed.

Questions: Contact Claudia Hochstein at 651-757-2881 or claudia.hochstein@state.mn.us, Dan Miller at 651-757-2246 or daniel.miller@state.mn.us, or call toll-free at 800-657-3864.

General Contact Information (*Required fields)

MS4 Owner (with ownership or operational responsibility, or control of the MS4)

*MS4 permittee name: City of Shoreview *County: Ramsey
(city, county, municipality, government agency or other entity)
*Mailing address: 4600 Victoria Street North
*City: Shoreview *State: MN *Zip code: 55126
*Phone (including area code): 651-490-4651 *E-mail: mmaloney@shoreviewmn.gov

MS4 General contact (with Stormwater Pollution Prevention Program [SWPPP] implementation responsibility)

*Last name: Wesolowski *First name: Tom
(department head, MS4 coordinator, consultant, etc.)
*Title: City Engineer
*Mailing address: 4600 Victoria Street North
*City: Shoreview *State: MN *Zip code: 55126
*Phone (including area code): 651-490-4652 *E-mail: twesolowski@shoreviewmn.gov

Preparer information (complete if SWPPP application is prepared by a party other than MS4 General contact)

Last name: _____ First name: _____
(department head, MS4 coordinator, consultant, etc.)
Title: _____
Mailing address: _____
City: _____ State: _____ Zip code: _____
Phone (including area code): _____ E-mail: _____

Verification

1. I seek to continue discharging stormwater associated with a small MS4 after the effective date of this Permit, and shall submit this MS4 SWPPP Application for Reauthorization form, in accordance with the schedule in Appendix A, Table 1, with the SWPPP document completed in accordance with the Permit (Part II.D.). ☒ Yes
2. I have read and understand the NPDES/SDS MS4 General Permit and certify that we intend to comply with all requirements of the Permit. ☒ Yes

Certification (All fields are required)

- ☒ Yes - I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted.

I certify that based on my inquiry of the person, or persons, who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of civil and criminal penalties.

This certification is required by Minn. Stat. §§ 7001.0070 and 7001.0540. The authorized person with overall, MS4 legal responsibility must certify the application (principal executive officer or a ranking elected official).

By typing my name in the following box, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing my application.

Name: Mark Maloney
(This document has been electronically signed)

Title: Public Works Director Date (mm/dd/yyyy): 9/30/2013

Mailing address: 4600 Victoria Street North

City: Shoreview State: MN Zip code: 55126

Phone (including area code): 651-490-4651 E-mail: mmaloney@shoreviewmn.gov

Note: The application will not be
processed without certification.

Stormwater Pollution Prevention Program Document

I. Partnerships: (Part II.D.1)

- A. List the **regulated small MS4(s)** with which you have established a partnership in order to satisfy one or more requirements of this Permit. Indicate which Minimum Control Measure (MCM) requirements or other program components that each partnership helps to accomplish (List all that apply). Check the box below if you currently have no established partnerships with other regulated MS4s. If you have more than five partnerships, hit the tab key after the last line to generate a new row.

☐ No partnerships with regulated small MS4s

| Name and description of partnership | MCM/Other permit requirements involved |
|---|--|
| Rice Creek Watershed District *Provides permitting, erosion and sediment control inspections, and shared education and outreach via website, newsletter, or public events. Would share illicit discharge information if necessary. | MCMs 1, 3, 4, 5 |
| Ramsey Washington Watershed District (new in 2013) *Provides permitting, erosion and sediment control inspections, and shared education and outreach to residents via website, newsletter, or public events. Would share illicit discharge information if necessary. | MCMs 1, 3, 4, 5 |
| | |
| | |
| | |

- B. If you have additional information that you would like to communicate about your partnerships with other regulated small MS4(s), provide it in the space below, or include an attachment to the SWPPP Document, with the following file naming convention: *MS4NameHere_Partnerships*.

II. Description of Regulatory Mechanisms: (Part II.D.2)

Illicit discharges

- A. Do you have a regulatory mechanism(s) that effectively prohibits non-stormwater discharges into your small MS4, except those non-stormwater discharges authorized under the Permit (Part III.D.3.b.)? ☒ Yes ☐ No

1. If **yes**:

- a. Check which *type* of regulatory mechanism(s) your organization has (check all that apply):

☒ Ordinance ☐ Contract language
☐ Policy/Standards ☐ Permits
☐ Rules
☐ Other, explain: _____

- b. Provide either a direct link to the mechanism selected above or attach it as an electronic document to this form; or if your regulatory mechanism is either an Ordinance or a Rule, you may provide a citation:

Citation:

Municipal Code Section 209: Environmental Standards

209.060 Stormwater Management (A) Illicit Discharge Detection and Elimination (Pages 20 through 24) in document below

Direct link:

<http://www.shoreviewmn.gov/home/showdocument?id=16>

209.060 Stormwater Management (A) Illicit Discharge Detection and Elimination (Pages 20 through 24) in document

☐ Check here if attaching an electronic copy of your regulatory mechanism, with the following file naming convention: *MS4NameHere_IDDEreg.*

2. If **no**:

Describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, this permit requirement is met:

Construction site stormwater runoff control

A. Do you have a regulatory mechanism(s) that establishes requirements for erosion and sediment controls and waste controls? ☒ Yes ☐ No

1. If **yes**:

a. Check which *type* of regulatory mechanism(s) your organization has (check all that apply):

- | | |
|---|---|
| <input checked="" type="checkbox"/> Ordinance | <input type="checkbox"/> Contract language |
| <input checked="" type="checkbox"/> Policy/Standards | <input checked="" type="checkbox"/> Permits |
| <input checked="" type="checkbox"/> Rules | |
| <input checked="" type="checkbox"/> Other, explain: _____ | |

b. Provide either a direct link to the mechanism selected above or attach it as an electronic document to this form; or if your regulatory mechanism is either an Ordinance or a Rule, you may provide a citation:

Citation:

Municipal Code Section 209: Environmental Standards

Section 209.040 Soils, Slopes, Grading, and Erosion and Sediment Control (Pages 7 through 13).

Direct link:

The City has an ordinance that requires a grading permit which specify basic standards for erosion control on construction or landscaping projects/ sites. We also utilize Development Agreements with new or redevelopment projects which move through the Planning Commission and/or City Council approval process. Development Agreements specify that an erosion control agreement and cash escrows shall be in place before construction begins, and the builder or developer agree to inspections and any required maintenance.

<http://www.shoreviewmn.gov/home/showdocument?id=16> Section 209.040 Soils, Slopes, Grading, and Erosion and Sediment Control (Pages 7 through 13).

☐ Check here if attaching an electronic copy of your regulatory mechanism, with the following file naming convention: *MS4NameHere_CSWreg.*

B. Is your regulatory mechanism at least as stringent as the MPCA general permit to Discharge Stormwater Associated with Construction Activity (as of the effective date of the MS4 Permit)? ☐ Yes ☒ No

If you answered **yes** to the above question, proceed to C.

If you answered **no** to either of the above permit requirements listed in A. or B., describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

The City will comprehensively review existing regulatory mechanisms in place and revise where necessary to ensure that the Construction site standards will be at least as stringent as the MPCA General Permit requirements for MCM 4 from the NPDES Construction Stormwater (CSW) General Permit. We anticipate this review in spring of 2014 with ordinance revisions to follow.

C. Answer **yes** or **no** to indicate whether your regulatory mechanism(s) requires owners and operators of construction activity to develop site plans that incorporate the following erosion and sediment controls and waste controls as described in the Permit (Part III.D.4.a.(1)-(8)), and as listed below:

- | | |
|---|---|
| 1. Best Management Practices (BMPs) to minimize erosion. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2. BMPs to minimize the discharge of sediment and other pollutants. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. BMPs for dewatering activities. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

4. Site inspections and records of rainfall events ☐ Yes ☒ No
5. BMP maintenance ☐ Yes ☒ No
6. Management of solid and hazardous wastes on each project site. ☒ Yes ☐ No
7. Final stabilization upon the completion of construction activity, including the use of perennial vegetative cover on all exposed soils or other equivalent means. ☒ Yes ☐ No
8. Criteria for the use of temporary sediment basins. ☐ Yes ☒ No

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

For items 1 through 8 above the City has existing regulatory mechanisms in place which specify many of the permit language requirements of the Minimum Control Measure 4 (Construction Site Stormwater Runoff Control) or similar language with the same intent.

However with the updated Construction Stormwater General Permit language, the City will comprehensively review these existing regulatory mechanisms and revise where necessary to ensure that the Construction site standards will be at least as stringent as the MPCA General Permit requirements for MCM 4 from the NPDES Construction Stormwater General Permit.

We anticipate this review in spring of 2014 with ordinance revisions to follow. For example, in Section C.2 above, our regulatory mechanisms do not include specifications for preserving a 50 foot natural buffer when a surface water is located within 50 feet of the project's disturbed area. The City may research mechanisms from other municipalities to adequately implement this new requirement of the Construction permit, which we would seek during the review process in spring of 2014.

For Section C.7. above, the City has final stabilization requirements which are more stringent than the MPCA Construction Permit. The MPCA language specifies 70 percent cover, while the City specifies 80 percent. The City also retains escrows until all temporary erosion protection measures have been removed. The City has succeeded in achieving the 80 percent final stabilization and will likely maintain the more stringent standard. (Construction Permit language 7. Final Stabilization: Bullets 3 and 4. (Page 10 of 14 wq-strm4-59q Guidance Document.)

Post-construction stormwater management

- A. Do you have a regulatory mechanism(s) to address post-construction stormwater management activities?

☐ Yes ☒ No

1. If **yes**:

- a. Check which *type* of regulatory mechanism(s) your organization has (check all that apply):

- | | |
|--|--|
| <input type="checkbox"/> Ordinance | <input type="checkbox"/> Contract language |
| <input type="checkbox"/> Policy/Standards | <input type="checkbox"/> Permits |
| <input type="checkbox"/> Rules | |
| <input type="checkbox"/> Other, explain: _____ | |

- b. Provide either a direct link to the mechanism selected above or attach it as an electronic document to this form; or if your regulatory mechanism is either an Ordinance or a Rule, you may provide a citation:

Citation:

Direct link:

☐ Check here if attaching an electronic copy of your regulatory mechanism, with the following file naming convention: *MS4NameHere_PostCSWreg*.

- B. Answer **yes** or **no** below to indicate whether you have a regulatory mechanism(s) in place that meets the following requirements as described in the Permit (Part III.D.5.a.):

1. **Site plan review:** Requirements that owners and/or operators of construction activity submit site plans with post-construction stormwater management BMPs to the permittee for review and approval, prior to start of construction activity. ☒ Yes ☐ No
2. **Conditions for post construction stormwater management:** Requires the use of any combination of BMPs, with highest preference given to Green Infrastructure techniques and practices (e.g., infiltration, evapotranspiration, reuse/harvesting, conservation design, urban forestry, green roofs, etc.), necessary to meet the following conditions on the site of a construction activity to the Maximum Extent Practicable (MEP):
 - a. For new development projects – no net increase from pre-project conditions (on an annual average basis) of: ☒ Yes ☐ No

- 1) Stormwater discharge volume, unless precluded by the stormwater management limitations in the Permit (Part III.D.5.a(3)(a)).
 - 2) Stormwater discharges of Total Suspended Solids (TSS).
 - 3) Stormwater discharges of Total Phosphorus (TP).
- b. For redevelopment projects – a net reduction from pre-project conditions (on an annual average basis) of: ☐ Yes ☒ No
- 1) Stormwater discharge volume, unless precluded by the stormwater management limitations in the Permit (Part III.D.5.a(3)(a)).
 - 2) Stormwater discharges of TSS.
 - 3) Stormwater discharges of TP.
3. **Stormwater management limitations and exceptions:**
- a. Limitations
- 1) Prohibit the use of infiltration techniques to achieve the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)) when the infiltration structural stormwater BMP will receive discharges from, or be constructed in areas: ☒ Yes ☐ No
 - a) Where industrial facilities are not authorized to infiltrate industrial stormwater under an NPDES/SDS Industrial Stormwater Permit issued by the MPCA.
 - b) Where vehicle fueling and maintenance occur.
 - c) With less than three (3) feet of separation distance from the bottom of the infiltration system to the elevation of the seasonally saturated soils or the top of bedrock.
 - d) Where high levels of contaminants in soil or groundwater will be mobilized by the infiltrating stormwater.
 - 2) Restrict the use of infiltration techniques to achieve the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)), without higher engineering review, sufficient to provide a functioning treatment system and prevent adverse impacts to groundwater, when the infiltration device will be constructed in areas: ☒ Yes ☐ No
 - a) With predominately Hydrologic Soil Group D (clay) soils.
 - b) Within 1,000 feet up-gradient, or 100 feet down-gradient of active karst features.
 - c) Within a Drinking Water Supply Management Area (DWSMA) as defined in Minn. R. 4720.5100, subp. 13.
 - d) Where soil infiltration rates are more than 8.3 inches per hour.
 - 3) For linear projects where the lack of right-of-way precludes the installation of volume control practices that meet the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)), the permittee's regulatory mechanism(s) may allow exceptions as described in the Permit (Part III.D.5.a(3)(b)). The permittee's regulatory mechanism(s) shall ensure that a reasonable attempt be made to obtain right-of-way during the project planning process. ☒ Yes ☐ No
4. **Mitigation provisions:** The permittee's regulatory mechanism(s) shall ensure that any stormwater discharges of TSS and/or TP not addressed on the site of the original construction activity are addressed through mitigation and, at a minimum, shall ensure the following requirements are met:
- a. Mitigation project areas are selected in the following order of preference: ☐ Yes ☒ No
 - 1) Locations that yield benefits to the same receiving water that receives runoff from the original construction activity.
 - 2) Locations within the same Minnesota Department of Natural Resource (DNR) catchment area as the original construction activity.
 - 3) Locations in the next adjacent DNR catchment area up-stream
 - 4) Locations anywhere within the permittee's jurisdiction.
 - b. Mitigation projects must involve the creation of new structural stormwater BMPs or the retrofit of existing structural stormwater BMPs, or the use of a properly designed regional structural stormwater BMP. ☐ Yes ☒ No
 - c. Routine maintenance of structural stormwater BMPs already required by this permit cannot be used to meet mitigation requirements of this part. ☐ Yes ☒ No
 - d. Mitigation projects shall be completed within 24 months after the start of the original construction activity. ☐ Yes ☒ No
 - e. The permittee shall determine, and document, who will be responsible for long-term maintenance on all mitigation projects of this part. ☐ Yes ☒ No
 - f. If the permittee receives payment from the owner and/or operator of a construction activity for mitigation purposes in lieu of the owner or operator of that construction activity meeting the conditions for post-construction stormwater management in Part III.D.5.a(2), the ☐ Yes ☒ No

permittee shall apply any such payment received to a public stormwater project, and all projects must be in compliance with Part III.D.5.a(4)(a)-(e).

5. **Long-term maintenance of structural stormwater BMPs:** The permittee's regulatory mechanism(s) shall provide for the establishment of legal mechanisms between the permittee and owners or operators responsible for the long-term maintenance of structural stormwater BMPs not owned or operated by the permittee, that have been implemented to meet the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)). This only includes structural stormwater BMPs constructed after the effective date of this permit and that are directly connected to the permittee's MS4, and that are in the permittee's jurisdiction. The legal mechanism shall include provisions that, at a minimum:
- a. Allow the permittee to conduct inspections of structural stormwater BMPs not owned or operated by the permittee, perform necessary maintenance, and assess costs for those structural stormwater BMPs when the permittee determines that the owner and/or operator of that structural stormwater BMP has not conducted maintenance. ☐ Yes ☒ No
 - b. Include conditions that are designed to preserve the permittee's right to ensure maintenance responsibility, for structural stormwater BMPs not owned or operated by the permittee, when those responsibilities are legally transferred to another party. ☐ Yes ☒ No
 - c. Include conditions that are designed to protect/preserve structural stormwater BMPs and site features that are implemented to comply with the Permit (Part III.D.5.a(2)). If site configurations or structural stormwater BMPs change, causing decreased structural stormwater BMP effectiveness, new or improved structural stormwater BMPs must be implemented to ensure the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)) continue to be met. ☐ Yes ☒ No

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within twelve (12) months of the date permit coverage is extended, these permit requirements are met:

Talk to our attorney to discuss how this would be achieved on private property within 12 months of permit coverage. Once a development is completed and the erosion control escrows are returned we do not inspect or enforce structural BMPs on private property. The Watershed Districts may have long-term maintenance agreements but the City does not at this time.

B.2.b. For redevelopment projects we require "no net increase" from pre-project conditions. We will re-visit our rules to possibly include the "a net reduction" language when the Surface Water Management Plan is revised, in conjunction with new Watershed plan updates.

4.a, 4.b, 4.c, 4.d, 4.e, 4.f: We currently do not mitigate for discharges of TSS and/or TP post-construction. The City will review potential mitigation mechanisms or standards being utilized by other entities, and revise our standards where necessary to ensure that any stormwater discharges of TSS and/or TP are addressed through mitigation. These standards will be at least as stringent as the MPCA General Permit requirements.. We anticipate this review in spring of 2014 with the review of regulatory mechanisms, and ensure that any updated requirements are included when the City's Surface Water Management Plan is revised. The mitigation provisions would also be reviewed in conjunction with new Watershed plan updates.

5.a. Talk to our attorney to discuss updating development agreement or other contract/permit language that would meet the requirement to allow future inspections, maintenance, and to assess costs to private properties.

5.b. Talk to our attorney to discuss updating development agreement or other contract/permit language that would meet the requirement to allow the City's right to ensure future maintenance when those responsibilities are transferred to a new party or owner.

5.c. We currently do not have the resources to track or require new stormwater BMPs through any sort of mitigation provisions. These new permit requirements would entail setting up long-term agreements with private property owners and then having the resources to perform inspections, track changes or required maintenance, and following through with property owners to get compliance.

This is a new requirement and City would need to budget for additional staff time and/or acquire outside contracts for the inspections, tracking, and program management.

III. Enforcement Response Procedures (ERPs): (Part II.D.3)

- A. Do you have existing ERPs that satisfy the requirements of the Permit (Part III.B.)? ☒ Yes ☐ No

1. If **yes**, attach them to this form as an electronic document, with the following file naming convention: *MS4NameHere_ERPs*.
2. If **no**, describe the tasks and corresponding schedules that will be taken to assure that, with twelve (12) months of the date permit coverage is extended, these permit requirements are met:

B. Describe your ERPs:

The City contracts out with Ramsey Conservation District to perform erosion control inspections for large construction projects. Ramsey Conservation District uses standard inspection procedures. City staff inspect smaller projects with building or grading permits which have an erosion control escrow and signed agreement. The inspection form is attached, as well as our enforcement response mechanism in City Code.

(attach Inspection report)

If contractors or developers are not in compliance, a warning is issued and a timeframe to correct the situation is given. If there is still not compliance, we would utilize City Code Section 210 Nuisance Code to abate the issue and use the erosion control escrow to pay for the corrections. The City has liquidated escrows to bring sites into compliance.

Section 210.020 Abatement direct link: Procedure.<http://www.shoreviewmn.gov/home/showdocument?id=18> (Pages 3 to 5).

IV. Storm Sewer System Map and Inventory: (Part II.D.4.)

A. Describe how you manage your storm sewer system map and inventory:

The City has collected some data for structural BMPs and outfalls, but the data has not been compiled. The City has GPSed many features of the stormwater system and annually adds new features as they are constructed or upgraded.

B. Answer **yes** or **no** to indicate whether your storm sewer system map addresses the following requirements from the Permit (Part III.C.1.a-d), as listed below:

1. The permittee's entire small MS4 as a goal, but at a minimum, all pipes 12 inches or greater in diameter, including stormwater flow direction in those pipes. ☐ Yes ☒ No
2. Outfalls, including a unique identification (ID) number assigned by the permittee, and an associated geographic coordinate. ☐ Yes ☒ No
3. Structural stormwater BMPs that are part of the permittee's small MS4. ☐ Yes ☒ No
4. All receiving waters. ☒ Yes ☐ No

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

The 2014 City budget includes funding a GIS staff person whose primary work program will be dedicated to stormwater program requirements (B.1., B.2., B.3.)

C. Answer **yes** or **no** to indicate whether you have completed the requirements of 2009 Minnesota Session Law, Ch. 172. Sec. 28: with the following inventories, according to the specifications of the Permit (Part III.C.2.a.-b.), including:

1. All ponds within the permittee's jurisdiction that are constructed and operated for purposes of water quality treatment, stormwater detention, and flood control, and that are used for the collection of stormwater via constructed conveyances. ☐ Yes ☒ No
2. All wetlands and lakes, within the permittee's jurisdiction, that collect stormwater via constructed conveyances. ☐ Yes ☒ No

D. Answer **yes** or **no** to indicate whether you have completed the following information for each feature inventoried.

1. A unique identification (ID) number assigned by the permittee. ☐ Yes ☒ No
2. A geographic coordinate. ☐ Yes ☒ No
3. Type of feature (e.g., pond, wetland, or lake). This may be determined by using best professional judgment. ☐ Yes ☒ No

If you have answered **yes** to all above requirements, and you have already submitted the Pond Inventory Form to the MPCA, then you do not need to resubmit the inventory form below.

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

We will create a map and include all ponds within 12 months of permit coverage. The 2014 City budget includes funding a GIS staff person whose primary work program will be dedicated to stormwater program requirements.

- E. Answer **yes** or **no** to indicate if you are attaching your pond, wetland and lake inventory to the MPCA ☐ Yes ☒ No on the form provided on the MPCA website at: <http://www.pca.state.mn.us/ms4>, according to the specifications of Permit (Part III.C.2.b.(1)-(3)). Attach with the following file naming convention: *MS4NameHere_inventory*.

If you answered **no**, the inventory form must be submitted to the MPCA MS4 Permit Program within 12 months of the date permit coverage is extended.

V. Minimum Control Measures (MCMs) (Part II.D.5)

A. MCM1: Public education and outreach

1. The Permit requires that, within 12 months of the date permit coverage is extended, existing permittees revise their education and outreach program that focuses on illicit discharge recognition and reporting, as well as other specifically selected stormwater-related issue(s) of high priority to the permittee during this permit term. Describe your **current** educational program, including **any high-priority topics included**:

Shoreview is predominantly residential so our focus is on residential issues such as cleaning up leaves and grass clippings, stabilizing shorelines, and minimizing impacts during landscaping or construction. We consider these issues high priority. We have multiple ways of educating residents which include an ongoing educational newsletter articles to every household 6x a year, the Environmental Quality Committee led programs such as a Speaker Series and Green Community Award programs which highlight best management practices on private properties for stormwater, tabling at the Slice of Shoreview annually, and providing handouts at City Hall. We also have several water related webpages on our main City website for residents to find additional information on water quality problems and solutions.

2. List the categories of BMPs that address your public education and outreach program, including the distribution of educational materials and a program implementation plan. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the U.S. Environmental Protection Agency's (EPA) *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>).

If you have more than five categories, hit the tab key after the last line to generate a new row.

| Established BMP categories | Measurable goals and timeframes |
|---|---|
| Green Community Award Program - Individual properties recognized for outstanding best management practices in water quality – Celebratory event made available live, recorded for cable access to educate and inspire other residents and businesses. | Annual Recognition Ceremony with City Council and Mayor in September |
| Environmental Quality Committee Speaker Series – One speaker a month from January to April | At least one presentation on water quality or quantity issues per year |
| Ongoing City newsletter | Publish multiple articles a year on what residents can do to help water quality of lakes and wetlands, also groundwater conservation tips |
| Handouts during 2 City cleanup day events | 1200 printed fliers given out on average – featuring info on raking up leaves/grass clippings and keeping out of curb |
| City website -Surface Water Quality pages | Information and links to our SWPPP and SWMP documents, as well as resources for homeowners on watershed districts, raingardens, native plants, and technical assistance for projects. Keep updated information available. |
| BMP categories to be implemented | Measurable goals and timeframes |
| Illicit discharge recognition and reporting article in City newsletter | Published in spring newsletter and updated on City website for 2014 |
| Social media | Publish water quality related information at least twice a year |

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| | |

3. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Environmental Officer

B. MCM2: Public participation and involvement

1. The Permit (Part III.D.2.a.) requires that, within 12 months of the date permit coverage is extended, existing permittees shall revise their current program, as necessary, and continue to implement a public participation/involvement program to solicit public input on the SWPPP. Describe your current program:

Publish notice of public hearing in newspaper with sufficient time before the Annual report SWPPP progress to the City Council every summer.

2. List the categories of BMPs that address your public participation/involvement program, including solicitation and documentation of public input on the SWPPP. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>). **If you have more than five categories**, hit the tab key after the last line to generate a new row.

| Established BMP categories | Measurable goals and timeframes |
|--|---|
| Publish notice of annual report in newspaper | Publish 30 days before public meeting date |
| Hold Public Hearing/Annual Meeting | Conduct annual report presentation and hold public hearing for City Council meeting. |
| Availability of SWPPP document | Provide a link on the City's website to the SWPPP and a hard copy available at City Hall for viewing. |
| | |
| | |

| BMP categories to be implemented | Measurable goals and timeframes |
|--|--|
| Publish notice on City's Facebook page at the same time as newspaper | Track "likes" or comments on the post, track attendance at the hearing. |
| Program Evaluation | During yearly Annual Report, consider which materials are most effective for our program and audiences. Consider a way to gather citizen feedback related to all aspects of our SWPPP. |
| | |
| | |

3. Do you have a process for receiving and documenting citizen input? ☒ Yes ☐ No

If you answered **no** to the above permit requirement, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, this permit requirement is met:

4. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Environmental Officer

C. MCM 3: Illicit discharge detection and elimination

1. The Permit (Part III.D.3.) requires that, within 12 months of the date permit coverage is extended, existing permittees revise their current program as necessary, and continue to implement and enforce a program to detect and eliminate illicit discharges into the small MS4. Describe your current program:

The City adopted an Illicit Discharge Detection and Elimination ordinance in March of 2012. We also created a

brochure/handout for employees in the field to detect and report any suspicious discharges into the City's system once the ordinance was approved by the City Council.

2. Does your Illicit Discharge Detection and Elimination Program meet the following requirements, as found in the Permit (Part III.D.3.c.-g.)?
- a. Incorporation of illicit discharge detection into all inspection and maintenance activities conducted under the Permit (Part III.D.6.e.-f.) Where feasible, illicit discharge inspections shall be conducted during dry-weather conditions (e.g., periods of 72 or more hours of no precipitation). ☒ Yes ☐ No
 - b. Detecting and tracking the source of illicit discharges using visual inspections. The permittee may also include use of mobile cameras, collecting and analyzing water samples, and/or other detailed procedures that may be effective investigative tools. ☒ Yes ☐ No
 - c. Training of all field staff, in accordance with the requirements of the Permit (Part III.D.6.g.(2)), in illicit discharge recognition (including conditions which could cause illicit discharges), and reporting illicit discharges for further investigation. ☒ Yes ☐ No
 - d. Identification of priority areas likely to have illicit discharges, including at a minimum, evaluating land use associated with business/industrial activities, areas where illicit discharges have been identified in the past, and areas with storage of large quantities of significant materials that could result in an illicit discharge. ☒ Yes ☐ No
 - e. Procedures for the timely response to known, suspected, and reported illicit discharges. ☒ Yes ☐ No
 - f. Procedures for investigating, locating, and eliminating the source of illicit discharges. ☒ Yes ☐ No
 - g. Procedures for responding to spills, including emergency response procedures to prevent spills from entering the small MS4. The procedures shall also include the immediate notification of the Minnesota Department of Public Safety Duty Officer, if the source of the illicit discharge is a spill or leak as defined in Minn. Stat. § 115.061. ☒ Yes ☐ No
 - h. When the source of the illicit discharge is found, the permittee shall use the ERPs required by the Permit (Part III.B.) to eliminate the illicit discharge and require any needed corrective action(s). ☒ Yes ☐ No

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

3. List the categories of BMPs that address your illicit discharge, detection and elimination program. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>).

If you have more than five categories, hit the tab key after the last line to generate a new row.

| Established BMP categories | Measurable goals and timeframes |
|---|--|
| Training brochure | Make sure new employees in the field receive to learn how to detect and report any suspicious discharges into the City's system. |
| Annual inspection and maintenance of outfalls | Check for any illicit discharges each spring and during normal duties while in the field. Document any illicit discharges. |
| Ordinance | Review and revise ordinance yearly to ensure that it continues to meet the needs of the City and legal requirements |
| | |
| | |
| BMP categories to be implemented | Measurable goals and timeframes |
| Public outreach | Publish article in City newsletter within 12 months explaining illicit discharge and how to report a suspicious discharge. |
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4. Do you have procedures for record-keeping within your Illicit Discharge Detection and Elimination (IDDE) program as specified within the Permit (Part III.D.3.h.)? ☒ Yes ☐ No

If you answered **no**, indicate how you will develop procedures for record-keeping of your Illicit Discharge, Detection and Elimination Program, within 12 months of the date permit coverage is extended:

5. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Environmental Officer

D. MCM 4: Construction site stormwater runoff control

1. The Permit (Part III.D.4) requires that, within 12 months of the date permit coverage is extended, existing permittees shall revise their current program, as necessary, and continue to implement and enforce a construction site stormwater runoff control program. Describe your current program:

When an area of 1,000 square feet or 10 cubic yards of soil is being disturbed, a grading permit is required. City staff review construction site erosion control plans before a project begins, and work with contractors to ensure appropriate use and maintenance of all BMPs on site. We partner with the Ramsey Conservation District to perform some of our construction site inspections. All site inspection checklists are scanned and retained electronically

If contractors or developers are not in compliance, a warning is issued and a timeframe to correct the situation is given. If there is still not compliance, we would utilize City Code Section 210 Nuisance Code to abate the issue and use the erosion control escrow to pay for the corrections. The City has liquidated escrows to bring sites into compliance.

2. Does your program address the following BMPs for construction stormwater erosion and sediment control as required in the Permit (Part III.D.4.b.):
- a. Have you established written procedures for site plan reviews that you conduct prior to the start of construction activity? ☒ Yes ☐ No
 - b. Does the site plan review procedure include notification to owners and operators proposing construction activity that they need to apply for and obtain coverage under the MPCA's general permit to *Discharge Stormwater Associated with Construction Activity No. MN R100001*? ☒ Yes ☐ No
 - c. Does your program include written procedures for receipt and consideration of reports of noncompliance or other stormwater related information on construction activity submitted by the public to the permittee? ☒ Yes ☐ No
 - d. Have you included written procedures for the following aspects of site inspections to determine compliance with your regulatory mechanism(s):
 - 1) Does your program include procedures for identifying priority sites for inspection? ☐ Yes ☒ No
 - 2) Does your program identify a frequency at which you will conduct construction site inspections? ☒ Yes ☐ No
 - 3) Does your program identify the names of individual(s) or position titles of those responsible for conducting construction site inspections? ☒ Yes ☐ No
 - 4) Does your program include a checklist or other written means to document construction site inspections when determining compliance? ☒ Yes ☐ No
 - e. Does your program document and retain construction project name, location, total acreage to be disturbed, and owner/operator information? ☒ Yes ☐ No
 - f. Does your program document stormwater-related comments and/or supporting information used to determine project approval or denial? ☒ Yes ☐ No
 - g. Does your program retain construction site inspection checklists or other written materials used to document site inspections? ☒ Yes ☐ No

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met.

2.d. 1. We can identify a way to priority sites for inspection such as those on lakes or those with problem contractors. We handle things this way already, but it is not formalized. This will be completed when we renew the contract with Ramsey Conservation District for inspections, which usually takes place in January of each calendar year.

3. List the categories of BMPs that address your construction site stormwater runoff control program. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>). If you have more than five categories, hit the tab key

after the last line to generate a new row.

| Established BMP categories | Measurable goals and timeframes |
|----------------------------------|--|
| Inspections | Conduct inspections of all permitted sites bi-weekly or after significant rainfall. |
| Ordinance | The City Code contains an ordinance on erosion and sediment control measures. |
| Education | Provide checklist/log to all builders with an erosion control agreement and escrow at time of permit issuance. Also provide erosion and sediment control BMP fact sheet to contractors unfamiliar with stormwater regulations with permit documents. |
| Permit routing system | Process all grading permit applications within 7 days of receipt. |
| | |
| BMP categories to be implemented | Measurable goals and timeframes |
| Prioritize inspections | Create prioritization guideline to get to high priority inspection sites first – those near sensitive receiving waters or those managed by problem contractors. This guideline will be completed when we renew the contract with Ramsey Conservation District for inspections, which usually takes place in January of each calendar year. We plan to implement immediately. |
| | |
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4. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Environmental Officer

E. MCM 5: Post-construction stormwater management

1. The Permit (Part III.D.5.) requires that, within 12 months of the date permit coverage is extended, existing permittees shall revise their current program, as necessary, and continue to implement and enforce a post-construction stormwater management program. Describe your current program:

Currently we do not have a post-construction stormwater management ordinance. Once a development is completed and the escrows are returned, we do not have resources to enforce maintenance of installed BMPs. Watershed Districts may have maintenance agreements with the property owners, but the City does not.

2. Have you established written procedures for site plan reviews that you will conduct prior to the start of construction activity? ☒ Yes ☐ No
3. Answer **yes** or **no** to indicate whether you have the following listed procedures for documentation of post-construction stormwater management according to the specifications of Permit (Part III.D.5.c.):
- a. Any supporting documentation that you use to determine compliance with the Permit (Part III.D.5.a), including the project name, location, owner and operator of the construction activity, any checklists used for conducting site plan reviews, and any calculations used to determine compliance? ☐ Yes ☒ No
- b. All supporting documentation associated with mitigation projects that you authorize? ☐ Yes ☒ No
- c. Payments received and used in accordance with Permit (Part III.D.5.a.(4)(f))? ☐ Yes ☒ No
- d. All legal mechanisms drafted in accordance with the Permit (Part III.D.5.a.(5)), including date(s) of the agreement(s) and names of all responsible parties involved? ☐ Yes ☒ No

If you answered **no** to any of the above permit requirements, describe the steps that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met.

E.3.a through d: We will develop procedures for documenting all legal mechanisms regarding long-term maintenance of BMPs within 12 months of permit coverage. Any mitigation necessary to meet stormwater standards would be documented and archived properly with all responsible parties involved, as well as any payments received. These documents would be reviewed by the City Attorney. We will seek examples of long term maintenance agreements from our two Watershed Districts to have similar language for sites under an acre or for those which do not trigger a Watershed District maintenance agreement.

- List the categories of BMPs that address your post-construction stormwater management program. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>). **If you have more than five categories**, hit the tab key after the last line to generate a new row.

| Established BMP categories | Measurable goals and timeframes |
|--|---|
| Inspections during construction | Continue bi-weekly inspections of all permitted sites during growing season. Builders receive written reports with items to correct. |
| Permit review | Review erosion control measures and stormwater BMPs/calculations pre-construction for each permit submitted |
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| BMP categories to be implemented | Measurable goals and timeframes |
| Update ordinance and/or development agreements to meet new permit requirements | Within 12 months of extension of permit coverage, revise ordinance and/or development agreements to meet permit requirements. Ensure that TSS and/or TP volumes are documented with any mitigation projects that the City authorizes. |
| Evaluate MIDS (Minimal Impact Design Standards) | Look into MIDS Community Assistance Package when available and see if this approach would work in Shoreview |
| | |
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- Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

City Engineer

F. MCM 6: Pollution prevention/good housekeeping for municipal operations

- The Permit (Part III.D.6.) requires that, within 12 months of the date permit coverage is extended, existing permittees shall revise their current program, as necessary, and continue to implement an operations and maintenance program that prevents or reduces the discharge of pollutants from the permittee owned/operated facilities and operations to the small MS4. Describe your current program:

The City currently inspects our structural BMPs on an annual basis and inspects all outfalls, sediment basins, and ponds each year. The City inspects stockpiles, storage and material handling areas at the maintenance center for potential discharges and necessary maintenance. The City has taken a leadership role in reducing chlorides entering our water resources by training and certifying all operators, equipment calibration, and application of pre-treatment chemicals. The City sweeps the streets several times annually, and pervious pavements are vacuummed once a month during the growing season. The City owns a mechanical brush and a regenerative air sweeper.

- Do you have a facilities inventory as outlined in the Permit (Part III.D.6.a.)? ☒ Yes ☐ No
- If you answered **no** to the above permit requirement in question 2, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, this permit requirement is met:
- List the categories of BMPs that address your pollution prevention/good housekeeping for municipal operations program. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the

BMPs. For an explanation of measurable goals, refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>).

If you have more than five categories, hit the tab key after the last line to generate a new row.

| Established BMP categories | Measurable goals and timeframes |
|--|--|
| Street Sweeping | Complete entire City 4-5 times a year. Progress is tracked daily and retained electronically. |
| Inspect Maintenance Center/Salt Shed | In spring check if underground storage tank should be emptied. Annually ensure all materials are covered. |
| Road Salt Training | All personnel responsible for snow/ice removal will be trained and certified in the proper handling and application of road salt chemicals. Training will be offered every other year. |
| Illicit discharge detection | All field staff are given a brochure to identify potential illicit discharges and notified of who to report the concern, brochure updated annually and given to new staff when necessary. Training will be offered every other year. |
| | |
| BMP categories to be implemented | Measurable goals and timeframes |
| Optimize street sweeping priorities | Identify high priority areas and timeframes to sweep |
| Create Public Works "Housekeeping 101" handout | Keep copies available online and at City Hall to explain our operations regarding pollution prevention. Create by mid-2014. |
| | |
| | |

5. Does discharge from your MS4 affect a Source Water Protection Area (Permit Part III.D.6.c.)? ☒ Yes ☐ No
- a. If **no**, continue to 6.
- b. If **yes**, the Minnesota Department of Health (MDH) is in the process of mapping the following items. Maps are available at <http://www.health.state.mn.us/divs/eh/water/swp/maps/index.htm>. Is a map including the following items available for your MS4:
- 1) Wells and source waters for drinking water supply management areas identified as vulnerable under Minn. R. 4720.5205, 4720.5210, and 4720.5330? ☒ Yes ☐ No
- 2) Source water protection areas for surface intakes identified in the source water assessments conducted by or for the Minnesota Department of Health under the federal Safe Drinking Water Act, U.S.C. §§ 300j – 13? ☐ Yes ☒ No
- c. Have you developed and implemented BMPs to protect any of the above drinking water sources? ☒ Yes ☐ No
6. Have you developed procedures and a schedule for the purpose of determining the TSS and TP treatment effectiveness of all permittee owned/operated ponds constructed and used for the collection and treatment of stormwater, according to the Permit (Part III.D.6.d.)? ☐ Yes ☒ No
7. Do you have inspection procedures that meet the requirements of the Permit (Part III.D.6.e.(1)-(3)) for structural stormwater BMPs, ponds and outfalls, and stockpile, storage and material handling areas? ☒ Yes ☐ No
8. Have you developed and implemented a stormwater management training program commensurate with each employee's job duties that:
- a. Addresses the importance of protecting water quality? ☒ Yes ☐ No
- b. Covers the requirements of the permit relevant to the duties of the employee? ☒ Yes ☐ No
- c. Includes a schedule that establishes initial training for new and/or seasonal employees and recurring training intervals for existing employees to address changes in procedures, practices, techniques, or requirements? ☒ Yes ☐ No
9. Do you keep documentation of inspections, maintenance, and training as required by the Permit (Part III.D.6.h.(1)-(5))? ☐ Yes ☒ No

If you answered **no** to any of the above permit requirements listed in **Questions 5 – 9**, then describe the tasks and

corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

5b.2) The Department of Health does not yet have a Source Water Assessment Area designated. We are implementing our approved wellhead protection plan.

6. Currently the City does not have procedures or a schedule for testing all ponds within the City for TSS and/or TP. We anticipate guidance and possible partnerships or funding in the future to do so. To develop our own procedure for testing ponds we would acquire (or build upon data already collected for the pond inventory) such as the current depth compared to the original as-built information. The City could then consider maintenance to restore the pond to its original intended purpose, depending on the costs and benefits. We expect to learn from other municipalities and organizations such as the Metro Stormwater Coalition to meet MPCA these permit requirements within 12 months of coverage, knowing that implementation could be in future years from 2014 to 2018.

9. The daily sweeping operations are logged and retained electronically, however the quantities of materials are not tracked. The City will seek guidance on the best method of estimating quantities and incorporate it into our records in 2014..

10. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Utilities Supervisor

VI. Compliance Schedule for an Approved Total Maximum Daily Load (TMDL) with an Applicable Waste Load Allocation (WLA) (Part II.D.6.)

- A. Do you have an approved TMDL with a Waste Load Allocation (WLA) prior to the effective date of the Permit? ☐ Yes ☒ No
1. If **no**, continue to section VII.
 2. If **yes**, fill out and attach the MS4 Permit TMDL Attachment Spreadsheet with the following naming convention: *MS4NameHere_TMDL*.

This form is found on the MPCA MS4 website: <http://www.pca.state.mn.us/ms4>.

VII. Alum or Ferric Chloride Phosphorus Treatment Systems (Part II.D.7.)

- A. Do you own and/or operate any Alum or Ferric Chloride Phosphorus Treatment Systems which are regulated by this Permit (Part III.F.)? ☐ Yes ☒ No
1. If **no**, this section requires no further information.
 2. If **yes**, you own and/or operate an Alum or Ferric Chloride Phosphorus Treatment System within your small MS4, then you must submit the Alum or Ferric Chloride Phosphorus Treatment Systems Form supplement to this document, with the following naming convention: *MS4NameHere_TreatmentSystem*.

This form is found on the MPCA MS4 website: <http://www.pca.state.mn.us/ms4>.

VIII. Add any Additional Comments to Describe Your Program

City Council:
Sandy Martin, Mayor
Blake Huffman
Terry Quigley
Ady Wickstrom
Ben Withhart



City of Shoreview
4600 Victoria Street North
Shoreview, MN 55126
651-490-4600 phone
651-490-4699 fax
www.shoreviewmn.gov

Inspection Report

This project was issued a permit by the City of Shoreview requiring erosion and sediment control measures be installed and maintained to prevent adverse impacts to adjacent property, stormwater facilities, and water resources.

This report documents the results from an inspection at 5277 Hodgson Road conducted on 7/31/13. Items noted below as non-compliant are to be corrected within the time frames allotted to prevent enforcement action.

Comments: Maintain stock piles and exposed soils.

Perimeter Control ☒ Compliant ☐ Non-Compliant ☐ Under Review ☐ NA
Comment:

Inlet Protection ☐ Compliant ☐ Non-Compliant ☐ Under Review ☒ NA
Comment:

Stabilized Construction Entrance ☒ Compliant ☐ Non-Compliant ☐ Under Review ☐ NA
Comment:

Vehicle Tracking ☒ Compliant ☐ Non-Compliant ☐ Under Review ☐ NA
Comment:

Exposed Soil Stabilization ☐ Compliant ☐ Non-Compliant ☒ Under Review ☐ NA
Comment: Cover all exposed soils not being worked within 14 days.

Designated Concrete Washout Area ☐ Compliant ☐ Non-Compliant ☐ Under Review ☒ NA
Comment:

Dewatering Activities ☐ Compliant ☐ Non-Compliant ☐ Under Review ☒ NA
Comment:

Ditch/Swale Stabilization ☐ Compliant ☐ Non-Compliant ☐ Under Review ☒ NA
Comment:

Energy Dissipation ☐ Compliant ☐ Non-Compliant ☐ Under Review ☒ NA
Comment:

Maintenance of BMPs ☐ Compliant ☐ Non-Compliant ☐ Under Review ☒ NA

Comment:

Stock Piles ☐ Compliant ☐ Non-Compliant ☒ Under Review ☐ NA

Comment: Cover all exposed soils not being worked within 14 days.

Other: ☐ Compliant ☐ Non-Compliant ☐ Under Review ☒ NA

Comment:

If you have questions, please call 651-266-7274.

Inspector: Samantha Kreibich

Developer's Erosion Control/Maintenance Log

| Developer's Inspector | Type of Inspection | | Date of Inspection | | | Rainfall (record all events > 0.5 in) | Type of Inspection | | | Areas Inspected | | | | | | | Property Address | Findings and Corrective Actions |
|-----------------------|--------------------|--------------------|--------------------|-----|------|---------------------------------------|--------------------|----|----|---------------------------------|-------------|----------------------|---|-------------------------|--------------------|-------------------------------|----------------------------------|---------------------------------|
| | Routine weekly | 24 hrs. after rain | Month | Day | Year | | Time | AM | PM | Erosion/Sediment Control - BMPs | Silt Fences | Sedimentation basins | Drainage ditches and other surface waters | Construction site exits | Infiltration areas | Pollution Prevention Measures | | |
| | | | | | | | | | | | | | | | | | Findings: Corrective Actions: | |
| | | | | | | | | | | | | | | | | | Findings: Corrective Actions: | |
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The developer is responsible for inspecting Erosion and Sediment Control BMPs on a weekly basis and after every rainfall greater than ½ inch. Record the results of the maintenance inspection and corrective action (repair and maintenance to BMPs) using this form.